

Product datasheet for **AP09553SU-N**

Plakophilin 1 (PKP1) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Immunofluorescence Microscopy on Frozen Sections: 1/100 (After paraformaldehyde fixation). Immunoblotting (Western Blot): 1/1000. Immunohistochemistry on Frozen and Paraffin Sections. <i>Incubation Time:</i> 1h at RT, extended with Paraffin Sections.
Reactivity:	Bovine, Human, Mouse, Xenopus
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Human recombinant Plakophilin 1.
Specificity:	PP1 antiserum shows distinct suprabasal staining of stratified epithelia, localizing Plakophilin 1 in desmosomal plaques and in the nucleus. In Western blot analysis the antiserum reacts specifically with the Plakophilin 1a and 1b polypeptides.
Formulation:	State: Serum State: Liquid stabilized antierum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	plakophilin 1
Database Link:	Entrez Gene 5317 Human Q13835
Background:	Plays a role in formation of desmosomal plaques and is found in desmosomes of most simple and stratified epithelia. Not found in cell types that have non-epithelial desmosomes. Absent in fibroblasts and other connective tissue types, including sarcomas.
Synonyms:	Plakophilin-1, Band 6 protein, B6P



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Protein Families: Druggable Genome